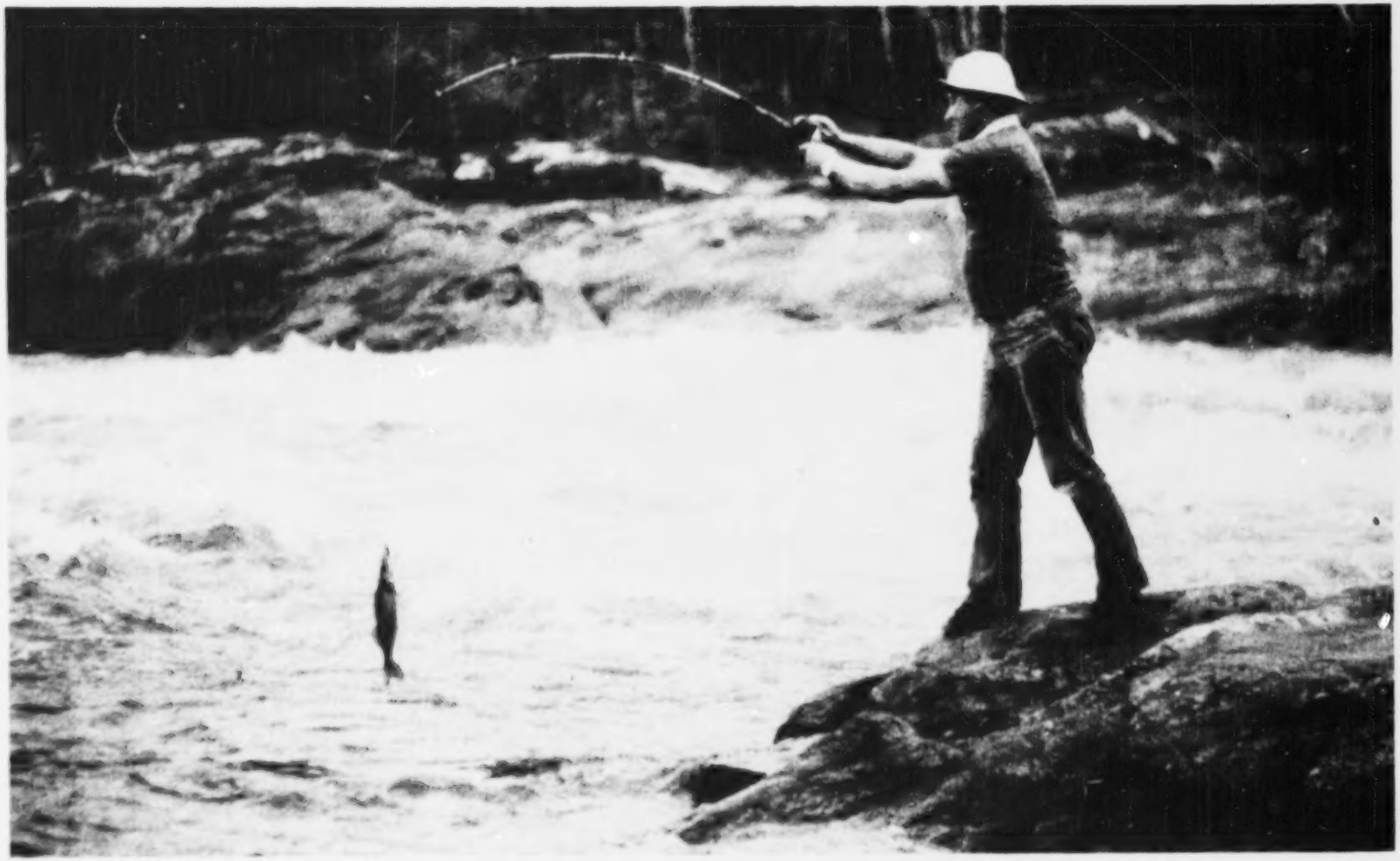
Saskatchewan
Parks, Recreation
and Culture

Hon. Colin Maxwell
Minister

Fish Facts 1987



PREFACE

Saskatachewan has a wealth of lakes, streams and reservoirs where rest and recreation are possible by just 'going fishing'. Thousands of waters are quite inaccessible in our vast northland, but there remain hundreds of fishing spots accessible to the public.

To help meet the needs of those who fish in Saskatchewan's lakes and streams, about 500 angling waters are test netted on a five year rotating basis by the Fisheries Branch, Department of Parks, Recreation and Culture. Test netting is carried out to evaluate the stocking program, to check on possible winterkills and on continued reports of poor angling success, and to provide up-to-date information on fish populations and on the need for future fisheries management. These studies concentrate on smaller readily accessible water areas that are generally subject to heavy angling pressure. This catalogue is an alphabetical grouping of waters examined in 1987.

Highlights of the 1987 test netting program are summarized below. Details on specific waterbodies can be obtained by referring to the catalogue.

- 115 waterbodies were examined.

- Lakes which experienced a complete or partial winterkill were Eagleback, Struthers, Vivian and Worthington.

- Excellent gamefish populations were found in the following waters: (walleye) Melville and Summercove Reservoirs; (pike) Lowther and Grant's Lake; (perch) Bushy Lake; and (brook trout) Althouse Lake.

- A number of other lakes, reservoirs and creeks have good gamefish populations: (native species) Baxter, Candle, Christopher, Cowan, D'Amour, Echo, Eldridge, Emerald, Hackett, Highfield, Lac la Peche, Little Loon, Lonetree, Long Creek, Lovering, Martins, Matheson, Mistohay, McPhee, and Shell; and (trout species) Boiler, Buck, English, Melfort, Ranger, Ridge and Whelan Bay.

- Several "new" waters were tested and were found to have moderate to good gamefish populations. These were Keeley, Little Philion, Loch Lomond, Maraiche and Selby Lakes.

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June 25 **ADMIRAL RESERVOIR** (25,36-8-16-W3. S.W. of Admiral): Admiral Reservoir was stocked with 100,000 walleye fry in 1985 and 1987 to rebuild populations after a complete drawdown in 1984. Test netting was conducted to evaluate 1985 stocking success. Results were as follows: **WALLEYE** - 0 were netted, indicating a sparse population. No angling activity has been reported.

July 7,8 **ALTHOUSE LAKE** (55°31' 104°50'. Km 68.5, Hwy #102): Althouse Lake is stocked annually with 2000 brook trout. Test netting was conducted to check on the population. Findings were as follows: **BROOK TROUT** - 102 were caught weighing between 50-200 g, indicating an excellent population of pan size trout. 80 white suckers were also caught. Good angling success has been reported, especially just after freeze up in the fall.

July 24 **ATCHISON LAKE** (27-67-15-W3. South of Keeley Lake): A general fish population study was conducted to update 1983 records. Test nets captured the following: **RAINBOW TROUT** - 10 were netted weighing 0.1-3.8 kg, indicating a moderate population; **BROOK TROUT** - 5 were netted weighing 1.0-1.3 kg, indicating a fair population; **WALLEYE** - 1 was netted weighing 1.8 kg. Source of walleye is unknown. Light angling activity reported so far this year with poor angling success.

July 7,8 **ATTON LAKE** (4,5-45-20-W3. N.E. of Cutknife): Atton Lake was stocked with 300,000 walleye fry in 1985 and 1986. A fish population study was carried out in 1987 to determine stocking success. Findings were as follows: **WALLEYE** - 3 were netted weighing 1600-1850 g, indicating a poor population; **PIKE** - 1 weighing 1650 g, indicating a poor population; **PERCH** - 15 weighing 20-120 g, indicating a fair population. Angling success reported as poor.

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May 22 **BATTRUM LAKE** (18,19-18-18-W3. South of Cabri): Battrum Lake was stocked with 5000 brook trout in 1983 and 1986, and 5000 splake in 1985. A population study was conducted to determine stocking success. Test netting results were as follows: **SPLAKE** - 5 netted weighing 450-850 g, indicating a fair population; **BROOK TROUT** - 0 netted indicating a sparse population. Angling activity was reported to be very light with poor success.

June 2,3 **BAXTER LAKE** (7,18-60-6-W3. N.E. of Big River): Test netting was conducted to update 1982 records and for a further check on success of the 1981 plant of 100,000 walleye fry. Test netting results were as follows: **WALLEYE** - 6 netted weighing 1.0-1.5 kg, indicating fair success from the 1981 plant; **NORTHERN PIKE** - 43 netted weighing 0.5-1.6 kg, indicating a good population. Light angling activity reported.

June 18 **BELANGER CREEK** (7,8-25,26-W3. S.E. of Cypress Hills Provincial Park): Belanger Creek is stocked with 1500 brown trout and 2000 brook trout on an alternate year basis. A fish population study was conducted to update 1983 records and to determine stocking success and presence of natural reproduction. Test net results were as follows: **BROWN TROUT** - 4 netted weighing 90-900 g, indicating a fair population; **BROOK TROUT** - 5 netted weighing 90-275 g, indicating a fair population; **RAINBOW TROUT** - 1 netted weighing 195 g, indicating a sparse population. Also netted were 8 common suckers.

Aug. 25,26 **BERGREN CREEK** (31-49-18-W2. Fort a la Corne Forest): Bergren Creek is stocked every second year with 1000 rainbow trout. A population study was conducted to update 1982 records. Nets captured 21 common suckers. No trout were netted, indicating a sparse population. Poor angling success was reported.

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June 17 **BOILER CREEK** (30-8-26-W3. Cypress Hills Provincial Park): Boiler Creek is stocked annually with 1500 brook trout. A population study was conducted to update 1983 test results. Findings were as follows: **BROOK TROUT** - 25 netted weighing 30-850 g, indicating a good trout population.

May 12 **BOLNEY LAKE** (5-53-23-W3. S.W. of St. Walburg): Test nets were set in this lake to check if any fish were present prior to stocking 10,000 rainbow trout in 1987. No fish were captured. This lake is a winterkill lake and an aeration system is to be installed later this year.

June 22 **BONE CREEK** (9,10,14-11-20-W3. South of Carmichael): Bone Creek is currently managed by stocking 10,000 brown trout every second year. This study was undertaken to further assess brown trout populations in areas with the best trout habitat. (Test netting conducted in 1986 along the length of Bone Creek in marginal to good habitat had indicated poor results.) The 1987 test netting results were as follows: **BROWN TROUT** - 6 netted weighing 50 g-1.4 kg, indicating a moderate population. Also caught were 80 common suckers.

July 17 **BRIGHTSAND LAKE** (53-20-W3. East of St. Walburg): A general fish population study was conducted to determine stocking success of 1984 and 1985 walleye fry plants. Previous study done in 1986 was inconclusive. Test nets captured the following: **WALLEYE** - 1 was netted weighing 0.5 kg, indicating a sparse population; **NORTHERN PIKE** - 2 were netted weighing 1.6-6.7 kg, indicating a sparse population; **WHITEFISH** - 9 were netted weighing 0.5-1.1 kg, indicating a poor population; **PERCH** - 25 were netted but only 2 were catchable size, weighing 100-110 g, indicating a sparse angling population of perch. Other fish captured were 35 common suckers and 7 cisco.

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Aug. 6,7 **BROTHER LAKE** (North) (26,27-62-8-W3. North of Clarke Lake): Brother Lake was stocked with 120,000 walleye fry in 1986. Test netting was conducted to determine stocking success. Nets captured 3 walleye weighing 40-60 g, indicating fair stocking success. Also captured in the nets were 4 northern pike, weighing 1.1-1.7 kg. Angling success for pike was reported to be fair to good.

June 2 **BUCK LAKE** (S.W.¼ 18-57-11-W3. N.E. of Chitek Lake): A fish population study was conducted to update 1983 records. A total of 16,000 rainbow trout have been planted since initial stocking in 1981. 4000 rainbow were stocked in 1986. Test nets captured the following: **RAINBOW TROUT** - 33 were netted weighing 0.1-0.4 kg, indicating a good population. Light to moderate angling activity reported so far this year.

July 29,30 **BURTLEIN LAKE** (3,4-61-18-W2. South of Little Bear Lake): Burtlein Lake is stocked with 5000 splake every second year. A population study was conducted to update 1983 records. Nets captured 15 splake weighing 0.5-1.6 kg, indicating a moderate population. Angling success is unknown.

July 6,7 **BUSHY LAKE** (3-45-20-W3. N.E. of Cutknife): Bushy Lake is stocked with 125,000 walleye fry every third year (latest stocking in 1985). A fish population study was conducted to update 1982 records. Findings were as follows: **WALLEYE** - 20 netted weighing 115-950 g, indicating a moderate population; **PERCH** - 112 netted weighing 40-550 g indicating an excellent angling population (96% of perch were larger than 20 cm). Angling pressure was heavy with good success for perch at the time of the survey.

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Sept. 3 — **CANDLE LAKE** (55,56-22,23-W2. N.E. of Prince Albert): A population study was conducted on Candle Lake to update 1981 records. Findings were as follows: **WALLEYE** - 118 netted weighing 40 g-3.1 kg, indicating a moderate to good population. **NORTHERN PIKE** - 22 netted weighing 300 g-4.7 kg, indicating a fair population. **PERCH** - 4 netted weighing 30-60 g. No angling sized perch are present. Also captured in the nets were 109 whitefish, 64 cisco, 114 common suckers and 1 burbot. Fair to good angling success was reported.

June 10,11 — **CHRISTOPHER LAKE** (6,7,18-53-26-W2. North of Prince Albert): Christopher Lake is presently managed by stocking 750,000 walleye fry every second year. A fish population study was conducted to update 1984 records. Findings were as follows: **WALLEYE** - 87 netted weighing 75 g-1.1 kg, indicating a good population; **NORTHERN PIKE** - 15 netted weighing 0.4-1.2 kg, indicating a moderate population; **PERCH** - 11 netted weighing 20-50 g. No angling sized perch were captured. Also captured in the nets were 20 common suckers. Samples of game fish were collected for mercury analysis. Moderate angling activity with fair success reported.

June 17,18 — **CODETTE LAKE** (50-15,16,17-W2. S.W. of Nipawin): Netting was conducted on Codette Lake to collect game fish samples for mercury analysis. Nets captured the following: **WALLEYE** - 8 were caught weighing 250 g-0.8 kg; **NORTHERN PIKE** - 85 caught weighing 110 g-1.7 kg; **SAUGER** - 1 captured weighing 850 g. Also captured in the nets were 8 small perch, 3 goldeye, 1 burbot, 30 redhorse suckers, 207 common suckers, 273 longnose suckers and 2 quillbacks.

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July 3 **CONDIE RESERVOIR** (32-18-20-W2. N.W. of Regina): Test netting was conducted to assess the survival and growth of 1500 yellow perch stocked in 1986. An aeration system was in operation on the reservoir during the 1986-87 winter. Netting results were as follows: **WALLEYE** - 5 netted, which resulted from a 1983 plant and averaged 2.1 kg; **NORTHERN PIKE** - 1 netted, weighing 2.5 kg, likely survived from a 1982 stocking; **YELLOW PERCH** - 67 captured, averaging 75-120 g in weight with a few specimens of 170-240 g. Survival of all three species indicates that no severe winterkills have occurred in the reservoir since 1982. The aeration system should assure game fish survival in the future. Angling activity has been limited so far this year.

Aug. 10,11 **CORONACH (TOWN) RESERVOIR** (1-2-27-W2. 2 Mi. South of Coronach): Coronach Reservoir was stocked with 250,000 walleye in 1969, 1970, 1973 and 1975. In 1978, 13 smallmouth bass adults were stocked. Test netting in 1981 showed the populations to be low. As a result, 61 adult pike were introduced in 1985. The 1987 test netting results were as follows: 245 common white suckers were captured. No pike were netted, indicating a sparse population.

July 6-8 **COWAN LAKE** (56,57,58-8,9-W3. North of Big River): A fish population study was conducted on Cowan Lake to update 1984 records. Findings were as follows: **WALLEYE** - 4 netted weighing 1.0-1.7 kg, indicating a sparse population; **NORTHERN PIKE** - 73 netted weighing 200 g-4.0 kg, with the majority 0.5-0.7 kg, indicating a good population. Also captured in the nets were 129 common suckers. Good angling success for pike was reported.

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July 7 **CUTBANK LAKE** (26,27-23-W3. N.E. of Glidden): Cutbank Lake experienced winterkill in 1984 and 1985. A population study was planned to assess populations after a period of low water levels, but water levels were too low (1 metre) to facilitate test netting. We suspect that Cutbank Lake is void of game fish at the present time.

D

June 24,25 **D'AMOUR LAKE** (17,18-47-7-W3. West of Leask): D'Amour Lake is stocked every second year with 200,000 walleye fry. A fish population study was conducted to update 1982 records. Findings were as follows: **WALLEYE** - 33 netted weighing 0.7-2.4 kg, indicating a moderate population; **NORTHERN PIKE** - 27 netted weighing 325 g-5.5 kg, indicating a good population; **PERCH** - 22 netted weighing 10-320 g, indicating a fair angling population. Angling success for pike was reported to be good; poor for walleye.

Oct. 14,15 **DIEFENBAKER LAKE - GARDINER DAM TAILWATER:** The tailwater region below Gardiner Dam (Lake Diefenbaker) was stocked with 450 catchable size trout in 1987. Equal numbers of rainbow, brook and brown trout were released. Test netting was conducted to evaluate stocking success. Nets captured 1 lake trout weighing 16.4 kg; 7 pike weighing 0.5-9.3 kg; 10 walleye weighing 0.7-2.7 kg; 10 whitefish, 14 cisco and 3 burbot. No stocked trout were captured.

June 2,3 **DUGOUT LAKE** (18,19-60-6-W3. N.E. of Big River): Test netting was conducted to update 1982 records and for a further check on success of the 1981 plant of 150,000 walleye fry. Test netting results were as follows: **WALLEYE** - 1 netted weighing 1.5 kg, indicating poor success from the 1981 plant; **NORTHERN PIKE** - 12 netted weighing 0.8-2.0 kg, indicating a moderate population. Light angling activity reported.

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July 8 **EAGLEBACK LAKE** (12,13-49-8-W3. S.E. of Shell Lake Town): A general fish population study was conducted to check if a winterkill had occurred in 1987. Dissolved winter oxygen (1.4 ppm) was recorded on March 20, 1987. No fish (perch) were captured in test nets. It appears a complete winterkill has occurred this year. Moderate angling activity reported until December, 1986. In discussion with three or four local residents, several dead perch were observed along shoreline this spring.

July 6-8 **ECHO LAKE** - (21-14-W2. West of Fort Qu'Qppelle): A population study was carried out on this lake to update 1985 records. Netting results were as follows: **WALLEYE** - 73 caught ranging from 150 g-3.5 kg, indicating a good population; **PIKE** - none netted which indicates a sparse population; **PERCH** - 193 netted weighing 100 g-0.5 kg, indicating a good population of angling sized perch is present. Also captured in the test nets were 30 common suckers, 1 carp, 10 whitefish and 66 ciscoes. Angling success for pike, perch and walleye was reported to be good.

Aug. 12 **ELDRIDGE LAKE** (21,22-40-4-W2. Porcupine Hills Provincial Forest-Hudson Bay): A fish population study was conducted on Eldridge Lake to update 1983 records. Test netting results were as follows: **WALLEYE** - 7 netted weighing 320-850 g, indicating a poor population; **NORTHERN PIKE** - 19 netted weighing 70-3250 g, indicating a moderate population; **PERCH** - 176 netted, 77 were of angling size indicating a good population of perch. 13 common white suckers were also taken in test nets. Moderate angling activity with fair success for perch and pike.

June 25,26 **EMERALD LAKE** (33-48-7-W3. S.W. of Mont Nebo): Emerald Lake is stocked every second year with 200,000 walleye fry. A fish population study was conducted to update 1982 records. Findings were as follows: **WALLEYE** - 96 netted weighing 160 g-2.0 kg, indicating a good population; **NORTHERN PIKE** - 30 netted weighing 250 g-2.0 kg, indicating a good population. Angling success for pike was reported to be good, poor for walleye.

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June 9,10 **EMMA LAKE** (53-27-W2. North of Prince Albert): A fish population study was conducted on Emma Lake to update 1984 records. Findings were as follows: **WALLEYE** - 26 netted weighing 100 g-1.5 kg, indicating a moderate population; **NORTHERN PIKE** - 16 netted weighing 200 g-1.2 kg, indicating a moderate population; **PERCH** - 2 netted weighing 30-175 g. A sparse angling population of perch is present. Also captured in the nets were 45 common suckers and 1 burbot. Samples of game fish were collected for mercury analysis. Heavy angler utilization with fair to moderate success reported.

Aug. 25,26 **ENGLISH CREEK** (3,4,9-50-19-W2. Fort a la Corne Forest): English Creek is stocked annually with 1000 brook trout. A population study was conducted to update 1983 records. Nets captured 26 brook trout weighing 70-380 g, indicating a good population. Also captured in the test nets were 26 common suckers. Poor angling success was reported.

June 9,10 **EYEHILL CREEK** (N.W. 32-41-26-W3. J. McGregor Farm): Eyehill Creek was stocked with 2000 brook trout fingerlings in 1984. A netting survey was conducted to determine stocking success. No trout were captured indicating poor survival. Extensive flooding of the valley due to beaver activity has reduced the suitability of this stream for trout.

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June 24 — **FAIRWELL CREEK** (29-6-24-W3. East of Cypress Lake, 11 km from Hwy #21): The present study was undertaken to determine the success of stocking rainbow and brook trout in 1984 and 1985, and to update 1983 test net records. Findings were as follows: **RAINBOW TROUT** - 5 netted weighing 50 g-2.95 kg, indicating a moderate population; **BROOK TROUT** - 1 netted weighing 600 g, indicating a poor population. Also caught were 24 common suckers. Approximately 400 metres of the creek were electroshocked, which yielded 3 young of the year brook trout, 100+ suckers and stickleback minnows, and about 50 shiner minnows.

June 8,9 — **FOAM LAKE RESERVOIR** (17-30-11-W2. South of Foam Lake): Test netting was carried out on this reservoir to check for the presence of predatory fish species as 50,000 walleye fry were stocked in 1987. Nets did not capture any fish, therefore management of the reservoir for walleye can continue.

G

June 10 — **GALLETLY LAKE** (10,14,15,21-57-25-W3. Bronson Forest): A general fish population study was conducted to investigate a possible winterkill reported in 1987. Previous study was in 1986. Test nets captured the following: **WALLEYE** - 36 netted weighing 0.2-2.5 kg, indicating a moderate population; **NORTHERN PIKE** - 26 netted weighing 0.3-1.4 kg, indicating a moderate population; **PERCH** - 45 netted weighing 35-80 g, indicating a sparse population of catchable size perch; **WHITEFISH** - 1 netted weighing 2.8 kg, indicating a sparse population. Other fish captured were 7 common white suckers. Limited angling activity reported this year; possibly due to poor access. No winterkill is suspected on this lake.

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July 6 **GOODEVE RESERVOIR** (10-24-9-W2. West of Goodeve): Goodeve Reservoir is stocked every year with 300 rainbow trout. A fish population study was conducted to update the 1983 records and evaluate stocking success. Test nets captured the following: **RAINBOW TROUT** - 5 netted weighing 60-1900 g, indicating a moderate population. Light angling activity has been reported.

May 28,29 **GRANT'S LAKE** (20-52-4-W3. East of Debden): Grant's Lake is subject to borderline winter oxygen conditions. An examination was conducted to determine enhancement possibilities. Test nets captured 62 pike weighing 250 g-2.7 kg, indicating an excellent population. Good angling success was reported.

H

June 4,5 **HACKETT LAKE** (59-7-W3. N.E. of Big River): A fish population study was conducted on Hackett Lake to update 1981 records. Findings were as follows: **WALLEYE** - 89 netted weighing 60 g-2.2 kg, indicating a good population; **NORTHERN PIKE** - 21 netted weighing 250 g-8.4 kg, indicating a moderate population. Also captured in the nets were 11 whitefish, 16 cisco, and 35 common suckers. Angling success was reported to be fair to moderate.

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June 25 **HARRIS RESERVOIR** (7-10-26-W3. South of Maple Creek): Harris Reservoir has been subject to low water levels since 1981. As a result, the last stocking was 200 adult pike in 1978. Test netting was conducted to evaluate overall populations and to update 1980 records. Results were as follows: **WALLEYE** - 4 netted weighing 475 g-3.2 kg, indicating a poor population; **PIKE** - 3 netted weighing 450-700 g, indicating a poor population. Angling success has been reported as fair, with pike being caught up to 7 kg.

May 23 **HIGHFIELD RESERVOIR** (15-10,11-W3. 30 km East of Swift Current): A fish population study was conducted on Highfield Reservoir to update 1982 records. Test net results were as follows: **PIKE** - 30 netted weighing 250-4100 g, indicating a good population; 3 whitefish weighing 3000-3400 g, and 15 common suckers.

K

July 21 **KEELEY LAKE** (68-14,15-W3. North of Meadow Lake): A general fish population study was conducted to update 1976 records. Test nets captured the following: **WALLEYE** - 99 were netted weighing 0.1-1.7 kg, indicating a moderate population; **NORTHERN PIKE** - 42 were netted weighing 0.2-2.8 kg, indicating a fair population; **PERCH** - 290 were netted but only 22 were catchable size weighing 100-260 g, indicating a poor angling population of perch; **WHITEFISH** - 22 were netted weighing 0.1-1.1 kg, indicating a fair population. Other fish captured were 254 common suckers, 1 longnose sucker and 5 cisco. Light angling activity reported so far this year, with fair northern pike and poor walleye success.

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June 5 — **KENOSEE LAKE** (10-2-W2. Moose Mountain Provincial Park): A population study was conducted on Kenosee Lake to update the 1984 records and evaluate the success of the Wawota Wildlife Federation walleye fingerling transfers. Test net results were as follows: **WALLEYE** - 3 netted weighing 1000-1825 g, indicating a sparse population; **NORTHERN PIKE** - 15 netted weighing 800-2100 g, indicating a moderate population; **PERCH** - 238 netted measuring 11-20 cm, only 4 of which were of angling size, indicating a poor population present. Anglers report catching pike and a few small walleye.

Aug. 11,12 — **KINCAID RESERVOIR** (33-8-8-W2. N.W. of Kincaid): Kincaid Reservoir is stocked annually with 3000 rainbow trout. A population study was carried out with the following results: 6 rainbow trout captured weighing 0.50-1.2 kg, indicating a fair population is present.

July 7 — **KINDERSLEY TOWN RESERVOIR** (2-29-23-W3. S.E. of Kindersley): Kindersley Town Reservoir was stocked with perch in 1965 and 1971, and pike in 1975 and 1986. A population study was conducted to assess populations and update 1982 records. Test netting results were as follows: **PIKE** - 9 netted weighing 350 g-4.5 kg, indicating a moderate population; **PERCH** - 0 netted indicating a sparse population.

July 21 — **KORNITSKI LAKE** (20-24-7-W2. North of Theodore): A fish population study was conducted on Kornitski Lake to update 1984 records. Findings were as follows: **PIKE** - 1 netted weighing 2050 g, indicating a sparse population is present; **PERCH** - 56 netted weighing 30-320 g, 41 perch were of angling size, indicating a moderate population is present. Moderate angling activity with fair to good success is reported.

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July 7 **LAC EAUCLAIRE** (56-12-W3. North of Chitek Lake): A general fish population study was conducted, including depth resounding and limnology, to update 1984 records and to locate future rock reef installation for lake trout. Test nets captured the following: **NORTHERN PIKE** - 15 were netted weighing 0.5-7.9 kg, indicating a poor population; **LAKE TROUT** - 2 were netted weighing 4.8-5.6 kg, indicating a sparse population; **WHITEFISH** - 18 were netted weighing 0.2-1.2 kg, indicating a fair population; **PERCH** - 12 were netted weighing 40-72 g, indicating a sparse population of catchable size perch. Other fish captured were 25 common suckers and 2 cisco. Light to moderate angling reported so far this year with poor angling success.

June 23,24 **LAC LA PECHE** (3,10-46-8-W3. West of Marcelin): Lac la Peche is stocked every second year with 250,000 walleye fry. A fish population study was conducted to update 1983 records. Findings were as follows: **WALLEYE** - 55 netted weighing 20 g-2.1 kg, indicating a good population; **NORTHERN PIKE** - 15 netted weighing 70 g-1.4 kg, indicating a moderate population; **PERCH** - 20 netted with 1 weighing 100 g and the remaining perch 20-50 g in size. A sparse population of angling sized perch is present. Also captured in the nets were 21 common suckers. Angling succes for pike was reported to be good, poor for walleye.

May 21,22 **LAKEVIEW LAKE** (City of Saskatoon): Lakeview Lake was unsuccessfully stocked with rainbow trout in 1984 and 1985. Adult perch (1500) were stocked in 1986. Test netting in 1987 captured no fish. Additional perch stocking is scheduled in 1987.

June 9,10 **LAWLERED'S LAKE** (25,36-25-12-W2. N.W. of Ituna): Test netting was conducted on Lawlered's Lake to verify the absence of predatory fish species. In 1987, 50,000 walleye fry were stocked in the lake. Nets captured no fish, thus management for walleye may continue.

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July 9 — **LITTLE LOON LAKE** (34,25-50-W3. East of Glaslyn): A general fish population study was conducted to update 1982 records. Test nets captured the following: **WALLEYE** - 106 were netted weighing 0.2-1.4 kg, indicating a good population; **NORTHERN PIKE** - 3 were netted weighing 1.5-3.0 kg, indicating a poor population. Moderate angling activity reported so far this year with fair angling success.

Aug. 5,6 — **LITTLE PHILION LAKE** (64-4-W3. East of Smoothstone Lake): Little Philion Lake had not been examined previously and a study was conducted to determine its fisheries potential. Test nets captured the following: **NORTHERN PIKE** - 13 netted weighing 275 g-9.8 kg, indicating a moderate population; **PERCH** - 1 netted weighing 200 g, indicating a sparse population. Also captured in the nets were 47 common suckers. The lake has a maximum depth of 2.5 metres. Emergent vegetation was in abundance. No angling activity reported on this lake.

Aug. 28 — **LOCH LOMOND** (35-5-W2. 6 km West of Preeceville): A fish population study was conducted on Loch Lomond. Test netting results were as follows: **NORTHERN PIKE** - 65 netted weighing 40-240 g. Also captured were 15 common white suckers. This lake is subject to frequent winterkills due to its shallow depth.

June 17 — **LONEPINE CREEK** (9,17-8-26-W3. Cypress Hills Provincial Park): A fish population study was conducted on Lonepine Creek to determine the success of stocking 1000 brook trout in 1986. Test net results were as follows: **BROOK TROUT** - 1 netted weighing 200 g, indicating a sparse population. Also captured in the nets were 110 common suckers.

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Aug. 10,11 **LONETREE LAKE** (Clear Lake) (5,8-1-19-W2. South of Minton): Lonetree Reservoir is stocked every third year with 100,000 walleye. In 1985, 59 adult pike were also stocked in an attempt to enhance angling success. The reservoir was test netted to conduct a general fish population study and to gauge the success of the adult pike transfer. The test netting results were as follows: **WALLEYE** - 39 were captured weighing 0.08-0.45 kg, indicating a good population is present. 2 adult pike weighing 0.9 and 1.9 kg were captured indicating a poor population is present. No natural reproduction of adult pike was observed. Angling success was poor with the main catch being the adult pike transferred into the reservoir in 1985.

July 27 **LONG CREEK RESERVOIR** (33-2-14-W2. N.E. of Oungre): A fish population study was conducted on Long Creek Reservoir to update 1982 records. Test netting results were as follows: **PIKE** - 29 netted weighing 280-1400 g, indicating a good population of pike is present. Moderate angling activity with fair to good success is reported.

May 26,27 **LOVERING LAKE** (1-22-27-W2. 4 km S.W. of Chamberlain): Lovering Lake was stocked with walleye fry as follows: 1979-100,000; 1980-125,000; 1981-100,000; 1986-100,000. Test netting was conducted on Lovering Lake to update 1985 records, as well as to obtain walleye and pike samples for mercury analysis. Results of the netting were as follows: **WALLEYE** - 34 netted weighing 120 g-1.7 kg, with the majority 0.5-0.9 kg, indicating a good population; **NORTHERN PIKE** - 21 netted weighing 80 g-2.0 kg, indicating a good population. Also captured in the nets were 4 burbot. Angling success this year has generally been fair for pike and poor for walleye.

June 30 **LOWTHER LAKE** (59,60-13-W3. S.W. of Green Lake): A general fish population study was conducted to update 1976 records. Test nets captured the following: **WALLEYE** - 41 were netted weighing 0.5-2.8 kg, indicating a good population; **NORTHERN PIKE** - 93 were netted weighing 0.4-2.6 kg, indicating an excellent population; **PERCH** - 63 netted but only 20 were of catchable size weighing 100-270 g, indicating a fair population of angling size perch. Other fish captured were 20 common suckers. Light angling activity reported so far this year primarily due to poor access.

DATE TESTED 1987

Mc

Aug. 13 **McBRIDE LAKE** (40-3,4-W2. Porcupine Hills Provincial Forest-Hudson Bay): A fish population study was conducted on McBride Lake to update 1983 records. Test netting results were as follows: **WALLEYE** - 26 netted weighing 80-2500 g, indicating a moderate population; **NORTHERN PIKE** - 9 netted weighing 200-3700 g, indicating a fair population; **PERCH** - 22 netted weighing 70-300 g, 20 perch were of angling size indicating a fair population. 25 common white suckers were also taken in the test nets. Moderate angling activity with fair to good success.

June 8,9 **McPHEE LAKE** (33,34,35-56-27-W2. East of Prince Albert National Park): McPhee Lake is stocked with 150,000 walleye fry every second year. A fish population study was conducted to update 1982 records. Findings were as follows: **WALLEYE** - 5 netted weighing 0.7-2.1 kg, indicating a fair population; **NORTHERN PIKE** - 16 netted weighing 325 g-1.6 kg, indicating a good population. Also captured in the nets were 8 common suckers. Fair to good angling success was reported.

June 16,17 **McROBBIE LAKE** (54°39' 101°52'. 400 m East of km 13.2 West Arm Mine Road, South of Creighton): Oxygen tests in March 1987 showed that McRobbie Lake has potential for trout stocking. A test netting study was done to determine whether a native fish population is present. The results of the study are as follows: **NORTHERN PIKE** - 22 netted weighing 1750-650 g, indicating a moderate population; **PERCH** - 4 netted, each weighing 40 g, indicating no angling size perch. The nets also captured 18 lake whitefish, weighing 1250-60 g. Because of the presence of predatory fish, rehabilitation is required before trout stocking in McRobbie Lake could succeed.

M

Oct. 1-2 **MACKLIN TROUT POND** (N.E. 4-38-28-W3. 11 km South of Macklin): Macklin Trout Pond is stocked annually with 400 rainbow trout. In 1987 an additional 200 rainbows (15-18 cm in length) were stocked in October. Test netting caught 15 rainbows (5 released alive) weighing from 40-380 g, indicating a good population is present. Angling reports indicate good success.

DATE TESTED 1987

Aug. 18,19 **MAISTRE LAKE** (22-58-22-W2. West Side of Whelan Bay, Whiteswan Lake): Maistre Lake is stocked annually with 800 brook and 2000 rainbow trout. A population study was conducted to update 1984 records. Findings were as follows: **BROOK TROUT** - 10 netted weighing 300 g-1.7 kg, indicating a moderate population; **RAINBOW TROUT** - 1 netted weighing 125 g, indicating a poor population. No information on angling success.

Aug. 13,16 **MARAICHE LAKE** (54°28' 102°01'. South of Creighton): Maraiche Lake became a popular angling spot, especially for large pike, after an access road was completed in 1975. A controversy developed this past winter when the lake was commercially fished for the first time since the 1976-77 season. A test netting study was done to determine future management. The results of the study are as follows: **WALLEYE** - 139 netted weighing 50-1350 g, indicating a moderate population; **PIKE** - 64 netted weighing 50-7400 g, indicating a fair population; **YELLOW PERCH** - none of the 41 perch caught weighed more than 60 g, and so would be of little interest to anglers. 146 white suckers were also caught.

June 22,23 **MARTINS LAKE** (30,31-46-7-W3. N.W. of Marcelin): Martins Lake is stocked annually with 325,000 walleye fry. A fish population study was conducted to update 1984 records. Findings were as follows: **WALLEYE** - 7 netted weighing 0.6-1.2 kg, indicating a fair population; **NORTHERN PIKE** - 23 netted weighing 200 g-1.2 kg, indicating a good population; **PERCH** - 8 netted with 1 weighing 250 g, and the remaining perch 30-80 g in size. A sparse population of angling size perch are present. Angling success for pike was reported to be good; poor for walleye.

June 25 **MATHESON LAKE** (62,63-20-W3. Meadow Lake Provincial Park): A general fish population study was conducted to update 1982 records. Test nets captured the following: **NORTHERN PIKE** - 32 were netted weighing 0.5-2.1 kg, indicating a good population; **PERCH** - 40 were netted but only 2 were of catchable size weighing 100-105 g, indicating a poor angling population. Other fish captured were 9 common suckers. Light to moderate angling activity reported so far this year.

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May 26,27 **MELFORT PFRA RESERVOIR** (21,29-44-18-W2. S.E. of Melfort): Melfort PFRA Reservoir was stocked with 17,000 rainbow trout fingerlings in 1986. Test netting was conducted to determine stocking success. Nets captured 24 rainbow trout weighing 320-650 g, indicating good stocking success. Also captured in the nets were 51 common suckers.

June 2 **MELVILLE RESERVOIR** (23-7-W2. West of Melville): A fish population study was conducted on Melville Reservoir to determine the success of the 1985 walleye plant. Test nets captured the following: **WALLEYE** - 168 netted weighing 225-425 g, indicating an excellent population is present. Also netted were 4 common white suckers. Anglers are reporting some success.

June 15,16 **MEYERS LAKE** (29-40-22-W2. East of Middle Lake): Meyers Lake is subject to frequent winterkill, the latest complete die-off having occurred during the winter of 1983-84. The present study was conducted to evaluate the success of perch stocked in 1985. Findings were as follows: **NORTHERN PIKE** - 4 netted weighing 775-925 g; **YELLOW PERCH** - 9 netted weighing 40-80 g. Anglers report fair success for pike.

June 24 **MISTOHAY LAKE** (63-21-W3. Meadow Lake Provincial Park): A general fish population study was conducted to update 1983 records. Test nets captured the following: **WALLEYE** - 7 were netted weighing 1.1-2.1 kg, indicating a poor population; **NORTHERN PIKE** - 41 were netted weighing 0.2-7.7 kg, indicating a good population; **WHITEFISH** - 19 were netted weighing 0.6-1.9 kg, indicating a moderate population; **PERCH** - 21 were netted but only 3 were of catchable size weighing 120-190 g, indicating a poor angling population. Other fish captured were 22 common suckers, 1 cisco and 1 burbot. Light to moderate angling activity reported so far this year.

DATE TESTED 1987

June 9 **MOONSHINE LAKE** (18-5-24-W3. East of Bronson Lake): A fish population study was conducted to update 1971 records and to investigate possibility for chemical rehabilitation. Test nets captured the following: **NORTHERN PIKE** - 20 netted weighing 0.9-2.4 kg, indicating a good population. Light to moderate angling activity reported this year. Angling success is unknown.

Sept. 29,30 **MOOSE JAW RIVER - KINGSWAY DAM** (South of Moose Jaw): A winter oxygen test in 1985 indicated a marginal winter habitat for fish. Due to these borderline conditions, 1375 yellow perch were stocked in 1985, and 1125 in 1986. Test netting was conducted in 1987 to determine survival with the following results: no game fish were netted; 44 common white suckers captured. Winterkill is suspected as limiting factor. Other alternatives are being examined.

June 9 **MOOSE MOUNTAIN LAKE** (11-8-W2. North of Stoughton): A fish population study was conducted on Moose Mountain Lake to update the 1984 test net results. Test net results were as follows: **NORTHERN PIKE** - 16 netted weighing 900-3100 g, indicating a moderate population; **PERCH** - 118 netted weighing 40-340 g, only 26 were of angling size indicating a fair population. Also captured were 140 common white suckers. Moderate angling success has been reported.

July 10 **MOOSOMIN RESERVOIR** (13-31-W1. South of Moosomin): A fish population study was conducted on Moosomin Reservoir to check the stocking success of 2000 adult perch planted in 1985. Test nets captured the following: **PERCH** - 108 netted weighing 40-320 g; only 1 perch of angling size was captured indicating a sparse population. Test nets also captured 758 common white suckers.

DATE TESTED - 1987

N

June 26 **NICE LAKE** (24-64-18-W3. Meadow Lake Provincial Park): A general fish population study was conducted to check if a possible winterkill had occurred. Dissolved winter oxygen levels (1.7-1.9 ppm) were recorded in March 1987. Test nets captured the following: **NORTHERN PIKE** - 1 was netted weighing 0.6 kg, indicating a sparse population. No known angling activity reported. Further investigation is required before the lake is considered for any fish enhancement type work.

O

July 3 **OYAMA RESERVOIR** (36-15-17-W2. 3 Mi East of Kronau): Test netting was carried out on this reservoir to check on populations of rainbow trout and smallmouth bass, which were introduced in 1986. An aeration system, designed to prevent winterkill, was installed in the lake in 1986. The system was functional during the 1986-87 winter. Netting results were as follows: June 30 - 5 rainbow trout, July 3 - 2 rainbow trout. These results indicate a sparse population of trout. No smallmouth bass were captured, possibly due to their small size or difficulty in capture using gill nets. Angling success was poor at the time of the netting.

P

Aug. 12 **PARR HILL LAKE** (14,23-39-2-W2. Porcupine Hills Provincial Forest-Hudson Bay): A fish population study was conducted on Parr Hill Lake to update 1983 records. Test netting results were as follows: **NORTHERN PIKE** - 12 netted weighing 250-500 g, indicating a moderate population; **PERCH** - 39 netted weighing 250-500 g, indicating a moderate population. Moderate angling activity reported with fair success for pike and perch.

DATE TESTED - 1987

July 8-10 **PASQUA LAKE** (21-14,15-W2. West of Fort Qu'Appelle): Test netting was carried out on this lake to update 1985 records as well as to obtain samples of game fish species for mercury analysis. Netting results were as follows: **WALLEYE** - 55 netted weighing 90 g-1.7 kg, indicating a moderate population is present; **PIKE** - 16 caught ranging from 600 g-1.4 kg, which is a fair population; **PERCH** - 3 netted weighing 50-400 g, indicating that a sparse population of angling sized perch is present. Also caught in the test nets were 13 common suckers, 6 carp and 18 ciscoes. Angling success for all three game species was reported to be good.

June 8,9 **PEAR LAKE** (11-56-27-W2. South of McPhee Lake): Pear Lake was stocked with 2000 rainbow trout in 1986. Test nets were set to determine stocking success. Nets captured 4 rainbow weighing 0.6-0.9 kg indicating fair success from the plant.

Aug. 11 **PEPAW LAKE** (10-40-2-W2. S.E. of Hudson Bay in Porcupine Forest): A fish population study was conducted on Pepaw Lake to update 1983 records. Test netting results were as follows: **WALLEYE** - 23 netted weighing 400-1100 g, indicating a moderate population; **NORTHERN PIKE** - 8 netted weighing 200-1050 g, indicating a fair population; **PERCH** - 10 netted weighing 100-180 g, 5 perch were of angling size indicating a poor population. 8 common white suckers were also taken in test nets. Moderate angling activity reported with fair success for perch and walleye.

June 2 **PIPE LAKE** (18-57-11-W3. N.E. of Chitek Lake): A fish population study was conducted to check on the stocking success of splake and brook trout. In 1985, 3000 splake and in 1986, 3000 brook trout were stocked. No fish were captured in test nets, indicating no overwinter survival of trout.

DATE TESTED - 1987

R

Aug. 18-19 **RANGER LAKE** (30-57-21-W2. N.E. of Heritage Lake): Ranger Lake is stocked with 3000 splake, 3000 rainbow trout on an alternate year basis. A population study was conducted to update 1984 records. Findings were as follows: **SPLAKE** - 29 netted weighing 0.9-2.3 kg, indicating a good population; **RAINBOW TROUT** - 1 netted weighing 0.9 kg, indicating a poor population. Poor to fair angling success for splake was reported.

Sept. 8-9 **REDBERRY LAKE** (43-8,9-W3. East of Hafford): Redberry Lake was stocked with approximately one million rainbow trout in 1985 and 1986, as part of a three year experimental program aimed at establishing a game fish population in this highly saline waterbody. A netting program in October 1986, revealed good survival and growth of the trout planted in the spring of 1986. Test netting in the spring of 1987 caught 21 lake whitefish but **no** rainbow trout. Supercooling of the saline lake water during the winter was suspected as a factor responsible for the low survival of trout. In September 1987, additional test netting was carried out at the request of the Town of Hafford and the R.M. of Redberry No. 435. The catch included 12 whitefish and 1 rainbow trout. Thus in 1987, 9 standard half-gang net sets (1080 metres of net) caught only one rainbow trout, indicating very poor survival of the trout stocked in 1985 and 1986.

May 25-26 **RHONA LAKE** (2,11-43-23-W2. East of Tarnopol): Critically low winter oxygen levels were recorded in March 1987. Test netting was conducted to determine if a winterkill occurred. Findings were as follows: **NORTHERN PIKE** - 8 netted weighing 0.9-6.8 kg, indicating a moderate population; **PERCH** - 11 netted weighing 30-130 kg, indicating a poor angling population. Light angling activity reported.

July 27-28 **RIDGE LAKE** (11-61-21-W2. N.W. of Piprell Lake): Ridge Lake is stocked annually with 1500 brook trout. A population study was conducted to update 1983 records. Nets captured 18 brook trout weighing 30 g-1.0 kg, indicating a good population. Light to moderate angling activity was reported.

DATE TESTED 1987

May 27-28 **ROUND LAKE** (50-1-W3. N.W. of Prince Albert): A severe winterkill of pike and perch occurred during the 1984-85 winter. Test netting was conducted to assess the fish population. Findings were as follows: **NORTHERN PIKE** - 12 netted weighing 325 g-2.4 kg, indicating a moderate population; **PERCH** - 19 netted weighing 20-310 g, indicating a fair angling population.

Oct. 8 **RUBY LAKE** (46-3-W2. North of Hudson Bay): Ruby Lake has a history of frequent winterkills. In 1985, 1500 adult perch were stocked. Test netting was conducted to determine the status of the fish population. Results were as follows: **PERCH** - 5 netted weighing 100-130 g, indicating a poor population; **NORTHERN PIKE** - 1 netted weighing 2500 g, indicating a sparse population. Also, captured were 40 white suckers. Angling success and activity is unknown.

S

Aug. 11 **SAGINAS LAKE** (33,4-40,41-2-W2. Porcupine Hills Provincial Forest-Hudson Bay): A fish population study was conducted on Saginas Lake to update 1983 records. Test netting results were as follows: **WALLEYE** - 5 netted weighing 100-950 g, indicating a poor population; **NORTHERN PIKE** - 9 netted weighing 50-510 g, indicating a fair population; **PERCH** - 21 netted weighing 70-400 g, indicating a moderate population of angling size perch. Moderate angling activity reported.

Aug. 28 **SANDY BEACH LAKE** (34-2-W2. N.W. of Norquay): Sandy Beach Lake was stocked with 1000 perch in 1986. A fish population study was conducted to assess the fish enhancement project (snow clearing) undertaken during the 1986-87 winter. Test netting results were as follows: **PERCH** - 19 netted weighing 120-310 g, indicating excellent stocking success and no winterkill. Angling activity and success are unknown.

DATE TESTED - 1987

June 25-26 **SELBY LAKE** (S.W. 3-48-7-W3. N.W. of Leask): Test netting was conducted on Selby Lake to determine existing fish populations and possibilities for enhancement. Findings were as follows: **WALLEYE** - 2 netted weighing 0.9 & 5.0 kg, indicating a poor population; **NORTHERN PIKE** - 11 netted weighing 60 g-4.6 kg, indicating a moderate population. Light angling activity reported.

July 21 **SHEHO LAKE** (30-9-W2. 5 km North of Sheho): A fish population study was conducted to determine future fisheries management. The catches for the net sets were as follows: **COMMON WHITE SUCKER** - 1. This lake is subject to frequent winterkill due to its shallow depth.

June 3 **SHELL LAKE** (5,8-56-11-W3. N.E. of Chitek Lake): A population study was conducted to check on the perch and pike population. 129 adult northern pike were stocked in 1986 and 700 perch in 1982. Test nets captured the following: **NORTHERN PIKE** - 22 were netted weighing 0.7-5.2 kg, indicating a good population and successful pike stocking; **PERCH** - 46 were netted, with 28 being of catchable size, weighing 100-310 g, indicating a moderate angling population. Light angling activity reported so far this year.

July 2 **SKI LODGE LAKE** (22,23-60-15-W3. N.E. of Meadow Lake): A general fish population study was conducted to update 1983 records. Test nets captured the following: **RAINBOW TROUT** - 1 was netted weighing 1.1 kg, indicating a sparse population. No known angling activity this year. Winter oxygen levels in March of 1987, were found to be suitable for the overwintering of trout. No winterkill is suspected.

DATE TESTED 1987

June 25-26 **SMUTS LAKE** (33-40,41-1-W3. S.W. of Alvena): Smuts Lake was stocked with 3450 perch in 1982. Test netting in 1984 revealed only a fair population of perch was present. A population study was conducted in 1987 to assess the perch population. Findings were as follows: **PERCH** - 12 weighing 80-110 g and 109 weighing 30-60 g, indicating a poor population of angling size perch.

July 27-29 **STEEPBANK LAKE** (9,17,18-61-21-W2. N.W. of Piprell Lake): Steepbank Lake was stocked with 8000 lake trout fingerlings in 1985. A population study of lake trout was conducted to update 1981 records and to check on success of the 1985 plant. Nets captured 4 lake trout weighing 0.9-2.5 kg, indicating a fair population. Also captured in the nets were 2 northern pike, 309 cisco, 7 common suckers and 1 longnose sucker. Angling success is unknown.

May 25-26 **STRUTHERS LAKE** (2,3-45-23-W2. East of Crystal Springs): Critically low winter oxygen levels were recorded in March 1987. Test netting was conducted to determine extent of the anticipated winterkill. Nets captured 26 northern pike weighing 175 g-1.5 kg, indicating a moderate population. A 50% decrease in pike numbers from the previous netting in 1986 is shown. No perch were captured indicating a severe winterkill of this species.

Aug. 11-12 **SUMMERCOVE RESERVOIR** (29-4-9-W3. 12 km South of Mankota): Test netting was carried out on this reservoir to check on current population levels of walleye. The reservoir is stocked with 150,000 walleye every second year. The 1987 test netting results were as follows: **WALLEYE** - 106 captured weighing 0.02-4.1 kg, indicating an excellent population; **YELLOW PERCH** - 1 caught weighing 0.5 kg, indicating a poor population. Angling activity was nil.

DATE TESTED - 1987

May 12-13 **SUNNY LAKE** (20,21-29-35-18-W3. N.W. of Springwater): Sunny Lake was stocked with rainbow trout in 1986. Test netting in September 1986, indicated moderate survival and good growth in this saline lake (TDS = 16,000 ppm). The present netting study failed to capture any trout and a complete winterkill due to supercooled water is suspected.

June 1-2 **SWEDE LAKE** (14-57-6-W3. N.E. of Big River): A fish population study was conducted on Swede Lake to update 1982 records. Findings were as follows: **NORTHERN PIKE** - 15 netted weighing 300 g-3.5 kg, indicating a moderate population; **PERCH** - 8 netted weighing 30-80 g, indicating a sparse angling population is present. Also captured in the nets were 10 common suckers. Light angling activity reported.

June 16-18 **TOBIN LAKE** (N.E. of Nipawin): Netting was conducted on Tobin Lake to collect game fish samples for mercury analysis. Nets captured: **WALLEYE** - 26 netted weighing 100 g-3.0 kg; **NORTHERN PIKE** - 13 netted weighing 1.4-3.2 kg; **SAUGER** - 5 caught weighing 375-525 g; **PERCH** - 8 caught weighing 100-360 g. Also captured in the nets were 61 goldeye, 17 common suckers, 14 redhorse suckers, 4 longnose suckers and 1 quillback.

Sept. 28-29 **TRAIL LAKE** (S.W. 13-38-24-W2. N.W. of Humboldt): Trail Lake was stocked with 8000 rainbow trout in 1984. Test netting in 1986 caught no fish. Because of the high salinity here, super-cooling of the water during the ice covered period was suspected as the cause of the mortality. In 1987 the lake was stocked with 2000 rainbow and 2000 brook trout. Test netting was conducted to determine stocking success. Findings were as follows: **RAINBOW TROUT** - 18 netted weighing 225-625 g; **BROOK TROUT** - 26 caught weighing 60-200 g. Good to moderate stocking success indicated for both species.

DATE TESTED 1987

U

June 2,3 **UNNAMED LAKE** (55°03' 102°51'. 30 m East of km 31.2, Hwy #135): Oxygen tests in 1986 and 1987 showed that this lake has some potential for trout stocking. A test netting study was done to determine whether predatory fish are present. The nets did not capture any fish, indicating that the lake is suitable for trout stocking. A test plant of both rainbow and brook trout will be stocked in 1987.

June 3,4 **UNNAMED LAKE** (55°04'30" 102°52'. East of km 34.8, Hwy #135): Oxygen tests in March 1987 showed that this lake has potential for trout stocking. A test netting study was done to determine whether predatory fish are present. Findings were as follows: **NORTHERN PIKE** - 12 caught weighing 650-1300 g; **WHITE SUCKERS** - 13 caught weighing 130-1350 g. Rehabilitation of the lake is necessary before trout stocking can be successful.

June 17&18 **UNNAMED LAKE** (54°41'40" 101°54'30". 200 m East of km 7.3 West Arm Mine Road South of Creighton): Oxygen tests in March 1985 showed that this lake may have potential for trout stocking. A test netting study was done to determine whether a native fish population is present. The results of the study are as follows: **NORTHERN PIKE** - 7 netted weighing 500-7000 g, indicating a fair population. 6 white suckers were also caught. Because of the presence of predator fish, rehabilitation would be necessary before trout stocking could succeed.

July 16 **UNNAMED LAKE** (19-52-9-W3. N.E. of Spiritwood): A fish population study was conducted, including depth sounding, limnology and seining, to determine if sport fish management potential exists. Winter oxygen recorded in February of 1987 was suitable for game fish management. There were 81 common suckers netted. No game fish were captured.

DATE TESTED - 1987

July 15 **UNNAMED LAKE** - Little Island Lake, Local Name (29,32-52-9-W3. N.E. of Spiritwood): A fish population study was conducted, including depth sounding, limnology and seining, to determine if sport fish management potential exists. Winter oxygen recorded in February of 1987 was suitable for game fish management. There were 113 common suckers netted. No game fish were captured.

V

June 23 **VIVIAN LAKE** (35,1-62,63-20-W3. Meadow Lake Provincial Park): A general fish population study was conducted to update 1984 records. 10,000 rainbow trout are stocked annually. No fish were captured in test nets, indicating a winterkill had occurred. No fish had been angled this spring.

W

Aug. 26&27 **WATERHEN LAKE** (63-17-W3. Meadow Lake Provincial Park): A general fish population study was conducted to update 1982 records. Test nets captured the following: **WALLEYE** - 41 were netted weighing 0.5-2.2 kg, indicating a fair population; **NORTHERN PIKE** - 55 were netted weighing 0.3-6.2 kg, indicating a moderate population; **PERCH** - 3 were netted weighing 375-590 g, indicating a sparse population; **WHITEFISH** - 59 were weighing 0.1-1.3 kg, indicating a moderate population. Other fish captured were 124 common suckers, 4 cisco and 1 burbot. Fair angling activity reported so far this year with some larger northern pike taken in the month of August.

DATE TESTED 1987

July 13 **WEST LAKE** (55°19' 104°33'. Near Rapid River Outlet, Lac la Ronge): West Lake has been stocked with rainbow trout since 1968. Test netting in 1987 yielded 19 rainbow trout, indicating a moderate population. Sizes ranged from 225-850 g. The lake receives moderate angling pressure from lodges in the surrounding area.

Aug. 19,20 **WHELAN BAY**, Whiteswan Lake (59-21-W2. North of Candle Lake): A population study of lake trout was conducted on Whelan Bay to update 1984 records. Nets captured 50 lake trout weighing 0.4-4.8 kg, indicating a good population. Recent angling success was reported to be good.

July 9 **WHITEBEAR RESERVOIR** (24-22-17-W3. 1 km North of Whitebear): A fish population study was conducted on Whitebear Reservoir to update 1982 records. Present management involves stocking 3000 rainbow trout annually. Test net results were as follows: **RAINBOW TROUT** - 8 netted weighing 475-1850 g, indicating a moderate population. No reports on angling success have been received.

July 7 **WOLSELEY RESERVOIR** (36-16-10-W2. South of Wolseley): A fish population study was conducted on Wolseley Reservoir to update the 1985 records. Test nets captured the following: **WALLEYE** - 13 netted weighing 800-2800 g, indicating a moderate population; **NORTHERN PIKE** - 11 netted weighing 180-2600 g, indicating a fair population; **PERCH** - 24 netted weighing 70-240 g, indicating a moderate population. Fair angling success for perch has been reported.

DATE TESTED - 1987

July 7 **WORTHINGTON LAKE** (57-25-W3. Bronson Forest): A general fish population study was conducted to investigate a possible winterkill reported in 1987. No fish were captured in test nets, indicating that a complete winterkill had occurred.

June 23&24 **WUCHEWAN RIVER** (54°53' 104°46'. Wapawekka Hills Road): Winter oxygen tests in 1985 showed that the Wuchewan River had potential for a trout stocking program. In 1986, 2000 brook trout were stocked. Test netting was conducted to determine stocking success. Findings were as follows: 7 white suckers and no brook trout were caught. No angling activity has been reported.

Y

June 23&24 **YAHOLNITSKY CREEK** (54°50' 104°49'. Wapawekka Lake Road): Winter oxygen tests in 1985 showed that Yaholnitsky Creek had potential for a trout stocking program. In 1986, 2000 brook trout were stocked. A fish population study was conducted to determine stocking success. Findings were as follows: **BROOK TROUT** - 3 caught weighing 90-175 g. Also caught were 27 white suckers and 11 longnose suckers. No angling activity has been reported.